

## Waveguide Waffle Iron

Waffle Iron filters make use of their internal construction to suppress unwanted Waveguide modes. Featuring broad stopbands and Low Insertion Loss, they are ideal for rejecting transmitter harmonics.

Waveguide Waffle Iron filters are only suitable as a lowpass in the frequency range 1.5 GHz to 60 GHz, but can be matched across the complete waveguide range if necessary. By suppressing all the unwanted waveguide modes, waffle iron filters can achieve rejection of up to four times the passband frequency. DrawCom can supply Waffle Iron filters at 3 GHz with over 100 kW of power handling, as well as many others in the 40 to 60 GHz band.

Bandwidth: 1% to 40%  
 Stopbands: Up to 4 times  $F_c$   
 Frequency Range: 1.5 to 60 GHz  
 Broad stopband: low loss  
 Ideal for rejection of Tx harmonics



## Waveguide Assemblies and Components

- Transitions
- Diplexers
- Loop Couplers
- X-Guide Couplers
- Feed Assemblies
- Splitters
- Combiners
- Twists
- Twist Plates
- Straight
- Assemblies

